

## Chapter 1

### COLLECTION, PREPARATION, AND STORAGE OF SAMPLES FOR SPECIATION ANALYSIS

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**G. M. P. Morrison**

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**Graeme E. Batley and Gary K.-C. Low**

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## APPLICATIONS OF GAS CHROMATOGRAPHY TO TRACE ELEMENT SPECIATION

**Y. K. Chau and P. T. S. Wong**

The modern gas chromatograph can be coupled with a variety of detection systems to analyze organic compounds.

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In electron capture (EC) detection, the effluent from the GC column passes through a

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